Exhibit D

BEST AVAILABLE COPY

78. (Amended) A recombinant polypeptide which has the ability to bind to TNF, wherein said polypeptide is encoded by DNA selected from the group consisting of:

A) DNA comprising the sequence:

CTG	GTC	CCT	CAC	CTA	GGĠ	GAC	AGG	GAG	AAG	AGA	GAT	AGT
GTG	TGT	CCC	CAA	GGA	AAA	TAT	ATC	CAC	CCT	CAA	AAT	AAT
TCG	ATT	TGC	TGT	ACC	AAG	TGC	CAC	AAA	GGA	ACC	TAC	TTG
TAC	AAT	GAC	TGT	CCA	GGC	CCG	GGG	CAG	GAT	ACG	GAC	TGC
AGG	GAG	TGT	GAG	AGC	GGC	TCC	TTC	ACC	GCT	TCA	GAA	AAC
CAC	CTC	AGA	CAC	TGC	CTC	AGC	TGC	TCC	AAA	TGC	CGA	AAG
GAA	ATG	GGT	CAG	GTG	GAG	ATC	TCT	TCT	TGC	ACA	GTG	GAC
CGG	GAC	ACC	GTG	TGT	GGC	TGC	AGG	AAG	AAC	CAG	TAC	CGC
CAT	TAT	TGG	AGT	GAA	AAC	CTT	TTC	CAG	TGC	TTC	AAT	TGC
AGC	CTC	TGC	CTC	AAT	GGG	ACC	GTG	CAC	CTC	TCC	TGC	CAG
GAG	AAA	CAG	AAC	ACC	GTG	TGC	ACC	TGC	CAT	GCA	GGT	TTC
TTT	CTA	AGA	GAA	AAC	GAG	TGT	GTC	TCC	TGT	AGT	AAC	TGT
AAG	AAA	AGC_	CTG	GAG	TGC	ACG	AAG	TTG	TGC	CTA	CCC	CAG
ΛTT	GλG	AAT		•								

, or a C- and/or N- terminally shortened sequence thereof;

B) DNA comprising the sequence:

CTIC	Cinc.	COT	CAC	CITIA	CCC	CAC	700	CAG	770	AGA	GAT	AGT	
616	GIG	JCGT.	,CAC				771						
GTG	TGT	CCC	CAA	GGA	AAA	TAT	ATC	CAC	CCT	CAA	AAT	TAA	TCG
ATT	TGC	TGT	ACC	AAG	TGC	CAC	AAA	GGA	ACC	TAC	TTG	TAC	AAT
GAC	TGT	CCA	GGC	CCG	GGG	CAG	GAT	ACG	GAC	TGC	AGG	GAG	TGT
GAG	AGC	GGC	TCC	TTC	ACC	GCT	TCA	GAA	AAC	CAC	CTC	AGA	CAC
TGC	CTC	AGC	TGC	TCC	AAA	TGC	CGA	AAG	GAA	ATG	GGT	CAG	GTG
GAG	ATC	TCT	TCT	TGC	ACA	GTG	GAC	CGG	GAC	ACC	GTG	TGT	GGC
TGC	AGG	AAG	AAC	CAG	TAC	CGG	CAT	TAT	TGG	AGT	GAA	AAC	"CTT
TTC	CAG	TGC	TTC	AAT	TGC	AGC	CTC	TGC	CTC	AAT	GGG	ACC	GTG
CAC	CTC	TCC	TGC	CAG	GAG	AAA	CAG	AAC	ACC	GTG	TGC	ACC	TGC
CAT	GCA	GGT	TTC	TTT	CTA	AGA	GAA	AAC	GAG	TGT	GTC	TCC	TGT
AGT	AAC	TGT	AAG	AAA	AGC	CTG	GAG	TGC	ACG	AAG	TTG	TGC	CTA
pcc_	CAG	ATT	GAG	AAT	GTT	AAG	GGC	ACT	GAG	GAC	TCA	GGC	ACC
ACA													

, or a C- and/or N- terminally shortened sequence thereof;

C) DNA comprising the sequence:

-,					1	•						GAT	AGT
GTG	TGT	CCC	CAA	GGA	AAA	TAT	ATC	CAC	CCT	CAA	AAT	AAT	TCG

ATT	TGC	TGT	ACC	AAG	TGC	CAC	AAA	GGA	ACC	AC	TIG	TAC	AA.
GAC	TGT	CCA	GGC	CCG	GGG	CAG	GAT	ACG	GAC	TGC	AGG	GAG	TGU
GAG	AGC	GGC	TCC	TIC	ACC	GCT	TCA	GAA	AAC	CAC	CTC	AGA	CAC
TGÇ	CTC	AGC	TGC	IÇC	AAA	TGC	CGA	AAG	GAA	$A\mathbb{T}G$	GGT	CAG	GTG
GAG	ATC	TCT	TCT	TGC	ACA	GTG	GAC	CGG	GAC	ACC	GTG	TGT	GGG
TGC	AGG	AAG	AAC	CAG	TAC	CGG	CAT	TAT	TGG	AGT	GAA	AAC	CTI
TTC	CAG	TGC	TTC	AAT	TGC	AGC	CTC	TGC	CTC	AAT	GGG	ACC	GTG
CAC	CTC	TCC	TGC	CAG	GAG	AAA	CAG	AAC	ACC	GIG	TGC	ACC	TGC
CAT	GCA	GGT	TTC	TTT	$\mathbb{C}^{T}\mathbf{A}$	AGA	CAA	AAC	GAG	TGT	GTC	TCC	TGI
AGT	AAC	TGT	AAG	AAA	AGC	CTG	GAG	ZGC	ACG	AAG	TTG	TGC	27.0
bod	CAG	ATT	GAG	AA.I									

D) DNA comprising the sequence

							•				GAT	AGT
GTG	TGT	CCC	CAA	GGA	AAA	TAT	ATC	CAC	CCT	CAA	AAT	AAT
TCG	ATT	TGC	TGT	ACC	AAG	TGC	CAC	AAA	GGA	ACC	TAC	TTG
TAC	AAT	GAC	TGT	CCA	GGC	CCG	GGG	CAG	GAT	ACG	GAC	TGC
AGG	GAG	TGT	GAG	AGC	GGC	TCC	TTC	ACC	GCT	TCA	GAA	AAC
CAC	CTC	ΛGA	CAC	TGC	CTC	AGC	TGC	TCC	AAA	TGC	CGA	AAG
GAA	ATG	GGT	CAG	GT'G	GAG	ATC	TCT	TCT	TGC	ACA	GTG	GAC
CGG	GAC	ACC	GTG	TGT	GGC	TGC	AGG	AAG	AAC	CAG	TAC	CGG
CAT	TAT	TGG	AGT	GAA	AAC	CTT	TTC	CAG	TGC	TTC	AAT	TGC
AGC	CTC	TGC	CTC	AAT	GGG	ACC	GTG	CAC	CTC	TCC	TGC	CAG
GAG	AAA	CAG	AAC	ACC	GTG	TGC	ACC	TGC	CAT	GCA	GGT	TTC
TTT	CTA	AGA	GAA	AAC	GAG	TGT	GTC	TCC	TGT	AGT	AAC	TGT
AAG	AAA	AGC	CTG	GAG	TGC	ACG	AAG	TTG	TGC	CTA	CCC	CAG
ATT	GAG	AAT	GTT	AAG	GGC	ACT	GÀG	GAC	TCA	GGC	ACC	ACA

, or a C- and/or N- terminally shortened sequence thereof.

80. (Amended) A recombinant polypeptide which has the ability to bind to TNF, wherein said polypeptide is encoded by DNA selected from the group consisting of:

A) DNA comprising the sequence:

ATG	CTG	GTC	CCT	CAC	СТА	GGG	GAC	AGG	GAG	AAG	AGA	GAT	AGT
GTG	TGT	CCC	CAA	GGA	AAA	TAT	ATC	CAC	CCT	CAA	AAT	AAT	TCG
ATT	TGC	TGT	ACC	AAG	TGC	CAC	$\Lambda\Lambda\Lambda$	GGA	ACC	TAC	TTG	TAC	AAT
GAC	TGŢ	CCA	GGC	CCG	GGG	CAG	GAT	ACG	GAC	TGC	AGG	GAG	TGT
GAG	AGC	GGC	TCC	TTC	ACC	GCT	TCA	GAA	AAC	CAC	CTC	AGA	CAC
TGC	CTC	AGC	TGC	TCC	AAA	TGC	CGA	AAG	GAA	ATG	GGT	CAG	GTG
GAG	ATC	TCT	TCT	TGC	ACA	GTG	GAC	CGG	GAC	ACC	GTG	TOT	GGC

TGC	736	AAG	\mathbf{a}^{-}	4. A.5	A.C.	ÇGG	CAT	TAT	TGG	ACT	GAA	AAC	7. I.
TTC	CAG	IGC	1 2 5	AAT	TGC	AGC	CTC	TGC	CTC	AAT	GGG	ACC	GTC
CAC	CTC	ICC	TGC	CAG	JAG	AAA	CAG	AAC	ACC	GTG	TGC	ACC	TGC
CAT	GCA	GGT	TIC	4	CTA	AGA	GAA	AAC	GAG	TGT	GTC	750	ng:
ACT	AAC	TGT	AAG	AAA	AGC	CTG	GAG	TGC	ACG	AAG	$\nabla \mathbb{T} G$	TEC	Д
ccc	CAG	ATT	GAC	AAT									

B) DNA comprising the sequence:

3 m.a	OTTO	OTTO	OOM	010	ĆIĆI B	000	030	300	-070	330	3.03	- a -	1, 1
ATG	CTG	GITC	CCT	CAC	CTA	الحاليات	GAC	AGG	GAG	AAG	AGA	_GAT	AGT
GTG	TGT	CCC	CAA	GGA	AAA	TAT	ATC	CAC	CCT	CAA	AAT	AAT	TCG
ATT	TGC	TGT	ACC	AAG	TGC	CAC	AAA	GGA	ACC	TAC	TTG	TAC	AAT
GAÇ	TGT	CCA	GGC	CCG	GGG	CAG	GAT	ACG	GAC	TGC	AGG	GAC	TCT
GAG	AGC	GGC	TCC	TTC	ACC	GCT	TCA	GAA	AAC	CAC	CTC	AGA	CAC
TGC	CTC	AGC	TGC	TCC	AAA	TGC	CGA	AAG	GAA	ATG	GGT	CAG	GTG
GAG	ATC	TCT	TCT	TGC	ACA.	GTG	GAC	CGG	GAC	ACC	GTG	TGT	aad
TGC	AGG	AAG	AAC	CAG	TAC	CGG	CAT	TAT	TGG	AGT	GAA	AAC	CTT
TTC	CAG	TGC	TTC	TAA	TGC	AGC	CTC	TGC	CTC	AAT	GGG	ACC	GTG
CAC	CTC	TCC	TGC	CAG	GAG	AAA	CAG	AAC	ACC	GTG	TGC	ΛCC	Ted
CAT	GCA	GGT	TTC	TTT	CTA	AGA	GAA	AAC	GAG	TGT	GTC	TCC	TGT
AGT	AAC	TGT	AAG	AAA	AGC	CTG	GAG	TGC	ACG	AAG	TTG	TGC	CTA
ccc_	CAG	ATT	GAG	TAA	GTT	AAG	GGC	ACT	GAG	GAC	Ϋ́CA	GGC	ACC
ACA													

, or a C- and/or N- terminally shortened sequence thereof;

C) DNA comprising the sequence:

	-		•							ATG	GAT	AGT
TGT	CCC	CAA	GGA	AAA	TAT	ATC	CAC	CCT	CAA	AAT	TAAT	TCG
TGC	TGT	ACC	AAG	TGC	CAC	AAA	GGA	ACC	TAC	TTG	TAC	AAT
TGT	CCA	GGC	CCG	GGG	CAG	GAT	ACG	GAC	TGC	AGG	GAG	TGT
AGC	GGC	TCC	TTC	ACC	GCT	TCA	GAA	AAC	CAC	CTC	AGA	CAC
CTC	AGC	$\mathbb{T}GC$	TCC	AAA	TGC	CGA	AAG	GAA	ATG	GGT	CAG	GTG
ATC	TCT	TCT	TĠC	ACA	GTG	GAC	CGG	GAC	ACC	GTG	TGT	GGC
AGG	AAG	AAC	CAG	TAC	CGG	CAT	TAT	TGG	AGT	GAA	AAC	CTT
CAG	TGC	TTC	AAT	TGC	AGC	CTC	TGC	CTC	AAT	GGG	ACC	GTG
CTC	TCC	TGC	CAG	GAG	AAA	CAG	AAC	ACC	GTG	TGC	ACC	TGC
GCA	GGT	TTC	TTT	CTA	AGA	GAA	AAC	GAG	TGT	GTC	TCC	TGT
AAC	TGT	AAG	AAA	AGC	СTG	GAG	TGC	ACG	AAG	TTG	ጥርር	():+ A
CAG	ATT	GAG	AAï									
	TGT TGC TGT AGC CTC ATC AGG CAG CTC GCA AAC	TGT CCC TGC TGT TGT CCA AGC GGC CTC AGC ATC TCT AGG AAG CAG TGC CTC TCC GCA GGT AAC TGT	TGC TGT ACC TGT CCA GGC AGC GGC TCC ATC TCT TCT AGG AAG AAC CAG TGC TTC CTC TCC TGC GCA GGT TTC AAC TGT AAG	TGT CCC CAA GGA TGC TGT ACC AAG TGT CCA GGC CCG AGC GGC TCC TTC CTC AGC TGC TCC ATC TCT TCT TGC AGG AAG AAC CAG CAG TGC TTC AAT CTC TCC TGC CAG GCA GGT TTC TTT AAC TGT AAG AAA	TGT CCC CAA GGA AAA TGC TGT ACC AAG TGC TGT CCA GGC CCG GGG AGC GGC TCC TTC ACC CTC AGC TGC TCC AAA ATC TCT TCT TGC ACA AGG AAG AAC CAG TAC CAG TGC TTC AAT TGC CTC TCC TGC CAG GAG GCA GGT TTC TTT CTA AAC TGT AAG AAA AGC	TGT CCC CAA GGA AAA TAT TGC TGT ACC AAG TGC CAC TGT CCA GGC CCG GGG CAG AGC GGC TCC TTC ACC GCT CTC AGC TGC TCC AAA TGC ATC TCT TCT TGC ACA GTG AGG AAG AAC CAG TAC CGG CAG TGC TTC AAT TGC AGC CAG TGC TTC AAT TGC AGC CTC TCC TGC CAG GAG AAA GCA GGT TTC TTT CTA AGA AAC TGT AAG AAA AGC CTG	TGT CCC CAA GGA AAA TAT ATC TGC TGT ACC AAG TGC CAC AAA TGT CCA GGC CCG GGG CAG GAT AGC GGC TCC TTC ACC GCT TCA CTC AGC TGC TCC AAA TGC CGA ATC TCT TCT TGC ACA GTG GAC AGG AAG AAC CAG TAC CGG CAT CAG TGC TTC AAT TGC AGC CTC CTC TCC TGC CAG GAG AAA CAG GCA GGT TTC TTT CTA AGA GAA AAC TGT AAG AAA AGC CTG GAG	TGT CCC CAA GGA AAA TAT ATC CAC TGC TGT ACC AAG TGC CAC AAA GGA TGT CCA GGC CCG GGG CAG GAT ACG AGC GGC TCC TTC ACC GCT TCA GAA CTC AGC TGC TCC AAA TGC CGA AAG ATC TCT TCT TGC ACA GTG GAC CGG AGG AAG AAC CAG TAC CGG CAT TAT CAG TGC TTC AAT TGC AGC CTC TGC CTC TCC TGC CAG GAG AAA CAG AAC GCA GGT TTC TTT CTA AGA GAA AAC AAC TGT AAG AAA AGC CTG GAG TGC	TGT CCC CAA GGA AAA TAT ATC CAC CCT TGC TGT ACC AAG TGC CAC AAA GGA ACC TGT CCA GGC CCG GGG CAG GAT ACG GAC AGC GGC TCC TTC ACC GCT TCA GAA AAC CTC AGC TGC TCC AAA TGC CGA AAG GAA ATC TCT TCT TGC ACA GTG GAC CGG GAC AGG AAG AAC CAG TAC CGG CAT TAT TGG CAG TGC TTC AAT TGC AGC CTC TGC CTC CTC TCC TGC CAG GAG AAA CAG AAC ACC GCA GGT TTC TTT CTA AGA GAA AAC GAG AAC TGT AAG AAA AGC CTG GAG TGC ACG	TGT CCC CAA GGA AAA TAT ATC CAC CCT CAA TGC TGT ACC AAG TGC CAC AAA GGA ACC TAC TGT CCA GGC CCG GGG CAG GAT ACG GAC TGC AGC GGC TCC TTC ACC GCT TCA GAA AAC CAC CTC AGC TGC TCC AAA TGC CGA AAG GAA ATG ATC TCT TCT TGC ACA GTG GAC CGG GAC ACC AGG AAG AAC CAG TAC CGG CAT TAT TGG AGT CAG TGC TCC AAT TGC AGC CTC TGC CTC AAT CTC TCC TCC CAG GAG AAA CAC CTC TGC CTC AAT CTC TCC TGC CAG GAG AAA CAG AAC ACC GTG GCA GGT TTC TTT CTA AGA GAA AAC GAG TGT AAC TGT AAA AGC CTG GAG TGC ACG AAG	TGT CCC CAA GGA AAA TAT ATC CAC CCT CAA AAT TGC TGC TGT ACC AAG TGC CAC AAA GGA ACC TTGC TGT CCA GGC CAC AAA GGA ACC TAC TTGC TGT CCA GGC CAC AAA ACG GAC TGC AGG AGC GGC CTC CTC ACC CTC AAA TGC CGA AAA AAC CAC CTC CTC AGC TGC AAA TGC CGA AAG GAA ATG GGT ATC TCT TCT TGC ACA GTG GAC CGG GAC ACC GTG AGG AAG AAC CAC GTG AGG AAG AAC CAC GTG AGG TGC TGC AAA TGC CGG CAT TAT TGG AGT GAA CAG TGC CTC TCC TCC AAT TGC AGA AAC CAC GTG CTC TCC TCC TCC AAT TGC AAC CTC TCC CTC AAT GGG CTC TCC TCC TCC TGC CAG GAG AAA CAC ACC GTG TGC CTC TCC TCC AAT TGC AAC CTC TCC TCC AAT TTCC CTC AAC CTC TCC TC	TGT CCC CAA GGA AAA TAT ATC CAC CCT CAA AAT AAT TGC TGC TGT ACC AAG TGC CAC AAA GGA ACC TTGC TTG

, or a C- and/or N- terminally shortened sequence thereof;

D) DNA comprising the sequence:

											ATG	GAT	AGT
GTG	TGT	CCC	CAA	GGA	AAA	TAT	ATC	CAC	CCT	CAA	AAT	TAA.	TCC
ATT	$\mathbb{T}GC$	TGT	ACC	AAG	TGC	CAC	AAA	GGA	ACC	TAC	TTG	TAC	AA I
GAC	$\mathbb{T}G\mathbb{T}$	CCA	GGC	CCG	GGG	CAG	GAT	ACG	GAC	TGC	AGG	GAG	TGT
GAG	AGC	GGC	TCC	TTC	ACC	GCT	TCA	GAA	AAC	CAC	CTC	AGA	CAC
TGC	CTC	AGC	TGC	TCC	AAA	TGC	CGA	AAG	GAA	ATG	GGT	CAG	GTC
GAG	ATC	TCT	TCT	TGC	ACA	GTG	GAC	CGG	GAC	ACC	GTG	TGT	GGC
TGC	AGG	AAG	AAC	CAG	TAC	CGG	CAT	TAT	TGG	AGT	GAA	AAC	CTT
TTC	CAG	TGC	TTC	AAT	TGC	AGC	CTC	TGC	CTC	TAA	GGG	ACC	GTG
CAC	CTC	TCC	TGC	CAG	GAG	AAA	CAG	AAC	ACC	GTG	TGC	ACC	TGC
CAT	GCA	GGT	TTC	$\mathbf{T}'\mathbf{\Gamma}'\mathbf{\Gamma}$	CTA	AGA	GAA	AAC	GAG	TGT	GTC	TCC	TGT
AGT	AAC	TGT	AAG	AAA_{-}	AGC	CTG	GAG	TGC	ACG	AAG	TTG	TGC	CTA
CCC	CAG	ATT	GAG	AAT	GTT	AAG	GGC	ACT	ĠAĜ	GAC	TCA	GGC	ACC
ACA													

E) DNA comprising the sequence:

ATG	GGC	CTC	TCC	ACC	GTG	CCT	GAC	CTG	CTG	CTG	CCA	CTG	GTG
CTC	CTG	GAG	CTG	TTG	GTG	GGA	ATA	TAC	CCC	TCA	GGG	GTT	ATT
GGA	CTG	ĢTÇ	CCT	ÇAĆ	ÇTA.	GĞG	GAC.	AGG	GAG	AAG	AGA	GAT	AGT
ĠTG	TGT	CCC	CAA	GGA	AAA	TAT	ATC	CAC	CCT	CAA	AAT	AAT	TCG
ATT	TGC	TGT	ACC	AAG	TGC	CAC	AAA	GGA	ACC	TAC	TTG	TAC	AAT
GAC	TGT	CCA	GGC	CCG	GGG	CAG	GAT	ACG	GAC	TGC	AGG	GAG	TGT
GAG	AGC	GGC	TCC	TTC	ACC	GCT	TCA	GAA	AAC	CAC	CTC	AGA	CAC
TGC	CTC	AGC	TGC	TCC	AAA	TGC	CGA	AAG	GAA	ATG	GGT	CAG	GTG
GAG	ATC	TCT	TCT	TGC	ACA	GTG	GAC	CGG	GAC	ACC	GTG	TGT	GGC
TGC	AGG	AAG	AAC	CAG	TAC	ĆĠĠ	CAT	TAT	TGG	AGT	GAA	AAC	CTT
TTC	CAG	TGC	TTC	AAT	TGC	AGC	CTC	TGC	CTC	AAT	GGG	ACC	GTG
CAC	CTC	TCC	TGC	CAG	GAG	AAA	CAG	AAC	ACC	GTG	TGC	ACC	TGC
CAT	GCA	GGT	TTC	TTT	CTA	AGA	GAA	AAC	GAG	TGT	GTC	TCC	TGT
AGT	AAC	TGT	AAG	AAA	AGC	CTG	GAG	TGC	ACG	AAG	TTG	TGC	CTA
ccc.	CAG	TTA	GAG	AAT	·								

, or a C- and/or N- terminally shortened sequence thereof;

F) DNA comprising the sequence:

ATG	GGC	CTC	TCC	ACC	GTG	CCT	GAC	CTG	CTG	CTG	CCA	CTG	GTG
					GTG								
GGA	CTG	GTC	ĆCT	CAC	CTA	GGG.	GAC	AGG	GAG	AAG	AGA	GAT	AGT
GŢG	'LGJ.	CCC	CAA	GGA	AAA	TAT	ATC	CAC	CCT	CAA	AAT	AAT	TCG
ATT	TGC	TGT	ACC	AAG	TGC	CAC	AAA	GGA	ACC	TAC	TTG	TAC	AAT
GAC	TGT	CCA	GGC	CCG	GGG	CAG	GAT	ACG	GAC	TGC	AGG	GAG	TGT
GAG	AGC	GGC	TCC	TTC	ACC	GCT	TCA	GAA	AAC	CAC	CTC	AGA	CAC

```
TGC
     CIC
                TGC
                           AAA
                                 TGC
                                                       Amg
           AGC
                                      CGA
                                            AAC
                                                 GAM
                                                            GGT
                                                                  CAC
GAG
     ATC
           TCT
                TCT
                      TGC
                           ACA
                                 GTG
                                      GAC
                                            CGG
                                                       ACC
                                                 GAC
                                                            GTG
                                                                  TGT
                                                                       GGC
TGC
     AGG
           AAG
                AAC
                      CAG
                           TAC
                                 CGG
                                      CAT
                                            TAT
                                                 \neg cg
                                                       Α. . . .
                                                            GAA
                                                                  AAC
                                                                       CT:
                                            TGC
CAG
           TGC
                TIC
                     AAT
                           TGC
                                 AGC
                                      CTC
                                                                  ACC
                                                 CTC
                                                       AAT
                                                            GGG
                                                                       GTO
     CTC
                      CAG
CAC
           TCC
                TGC
                           GAG
                                 AAA
                                      CAG
                                            AAC
                                                 ACC
                                                       CTG
                                                            TGC
                                                                  ACC
                                                                       TC
     CCA
           GGT
                           CTA
                                 AGA
                                                       IGT
                                                            GTC
                                      GAA
                                            AAC
                                                 GAG
                                                                  TCC
                                                                        TG:
MOT
     AAC
           TGT
                P.A.C.
                     AAA
                           AGC
                                 CTE
                                      GAG
                                            TGC
                                                 ACG
                                                             TTG
                                                                  TGC
                                                       AAG
                                                                       CTI
     CBG
           ACT
                GAG
                      AAT
                           GTT
                                 AAG
                                      GGC
                                            ACT
                                                 GAG
                                                       GAC
                                                            TCA
                                                                  GGC
                                                                       ACC
ACA
```

G) DNA comprising the sequence:

```
ATG
    GGC CTC TCC ACC GTG CCT
                                    GAC
                                         CTG CTG
                                                  CTG CCA CTG
                                                                  GTG
CTC
    CTG
          GAG
               CTG
                    TTG
                         GTG
                              GGA
                                    ATA
                                         TAC
                                              CCC
                                                   TCA
                                                        GGG
                                                             GTT
                                                                   ATT
GGA
    GAT
          AGT
               GTG
                    TGT
                         CCC
                              CAA
                                    GGA
                                         AAA
                                              TAT
                                                   ATC
                                                         CAC
                                                              CCI
                                                                   CAA
AAT
     AAT
          TCG
               ATT
                    TGC
                         TGT
                              ACC
                                   AAG
                                         TGC
                                              CAC
                                                   AAA
                                                        GGA
                                                             ACC
                                                                   TAC
TTG
    TAC
          TAA
               GAC
                    TET
                         CCA
                              GGC
                                    CCG
                                         GGG
                                              CAG
                                                        ACG
                                                   GAT
                                                             GAC
                                                                   TG
AGG
     GAG
          TGT
               GAG
                    AGC
                         GGC
                              TCC
                                    TTC
                                         ACC
                                              GCT
                                                   TCA
                                                        GAA
                                                             AAC
                                                                   CAG
CTC
    AGA
          CAC
               TCC
                    CTC
                         ΛGC
                              TGC
                                    TCC
                                         AAA
                                              TGC
                                                   CGA
                                                        AAG
                                                             GAA
                                                                   ATO
GGT
    CAG
          GTG
               GAG
                    ATC
                         TCT
                              TCT
                                    TGC
                                         ACA
                                              GTG
                                                   GAC
                                                        CGG
                                                              GAC
                                                                   ACC
GTG
    TGT
          GGC
               TGC
                    AGG
                         AAG
                              AAC
                                    CAG
                                         TAC
                                              CGG
                                                   CAT
                                                        TAT
                                                              TGC
                                                                   AC
    AAC
                    CAG
                         TGC
                              TTC
GAA
          CIT
               TTC
                                    AAT
                                         TGC
                                              AGC
                                                   CTC
                                                         TGC
                                                              CIC
                                                                   AA
GGG
     ACC
          GTG
               CAC
                    CTC
                         TCC
                              TGC
                                    CAG
                                         GAG
                                              AAA
                                                   CAG
                                                        AAC
                                                             ACC
                                                                   GTO
mgc
    ACC
          TGC
                              TTC
                                    TTT
               CAT
                    GCA
                         GGT
                                         CTA
                                              AGA
                                                   GAA
                                                        AAC
                                                              GAG
                                                                   TG
GTC
     TCC
          TGT
               AGT
                    AAC
                         TGT
                              AAG
                                    AAA
                                         AGC
                                              CTG
                                                   GAG
                                                        ŤGC
                                                              ACG
                                                                   AAC
TTG
     TGC
          CTA
               CCC
                    CAG
                         ATT
                              GAG
                                    AAT
```

, or a C- and/or N- terminally shortened sequence thereof;

H) DNA comprising the sequence:

ATG	GGC	CTC	TCC	ACC	GTG	CCT	GAC	CTG	CTG	CTG	CCA	CTG	GTG
CTC	CTG	GAG	CTG	TTG	GTG	GGA	ATA	TAC	CCC	TCA	GGG	GTT	ATT
GGA	GAT	AGT	эта	TGT.	CCC	CAA	GGA	AAA	TAT	ATC	CAC	CCT	CAA.
AAT	AAT	TCG	$A \Box \Box$	TGC	TGT	ACC	AAG	TGC	CAC	AAA	GGA	ACC	TAC
TTG	TAC	AAT	GAC	TGT	CCA	GGC	CCG	GGG	CAG	GAT	ACG	GAC	TGC
AGG	GAG	TGT	GAG	AGC	GGC	TCC	TTC	ACC	GCT	TCA	GAA	AAC	CAC
CTC	AGA	CAC	TGC	CTC	AGC	TGC	TCC	AAA	TGC	CGA	AAG	GAA	ATG
GGT	CAG	GTG	GAG	ATC	TCT	TCT	TGC	ACA	GTG	GAC	CGG	GAC	ACC
GTG	TGT	GGC	TGC	AGG	AAG	AAC	CAG	TAC	CGG	CAT	TAI	TGG	AGT
GAA	AAC	CIII	TTC	CAG	TGC	TTC	AAT	TGC	AGC	CTC	TGC	CTC	AAT
GGG	ACC	GTG	CAC	CTC	TCC	TGC	CAG	GAG	AAA	CAG	AAC	ACC	GTG
TGC	ACC	TGC	CAT	GCA	GGT	TTC	TTT	CTA	AGA	GAA	AAC	GAG	TGT.
GTC_	TOC	للأثالث	AOT	AAC	ند تران	AAC	$\lambda \lambda \lambda$	AGC	CTG	GAG	TGC	ACC	AAC

TGC CTA CCC CAG ATT GAC TAA GTT AAG **GGC** ACT GAG GAC TCA ĠGC ACC ACA

, or a C- and/or N- terminally shortened sequence thereof; and

I) DNA comprising the sequence:

CCT ATG GGC CTCTCC ACC GTG GAC CTG CTG CTG CCA CTG GTG CTC CTG **GAG** CTG TTG GTG **GGA** ATA TAC CCC TCA GGG GTT ATT CTG GTC CCT CAC CTA GGG GAC AGG **GGA** GAG AAG AGA GAT AGI GTG TGT CCC CAA **GGA** AAA TAT ATC CAC CCT CAA AAT AAT TCG ATT TGC TGT ACC AAG TGC CAC AAA GGA ACC TAC TTG TAC AAT GAC TGT CCA GGC CCG GGG CAG GAT ACG **GAC** TGC **AGG** GAG TGT TCA GAG AGC **GGC** TCC TTC ACC GCT GAA AAC CAC CTC AGA CAC TGC CTC AGC TGC TCC AAA TGC CGA AAG **GAA** ATG GGT CAG GTG GAG ATC TCT TCT TGC ACA GTG GAC CGG GAC ACC GTG TGT GGC TGC AGG AAG AAC CAG TAC CGG CAT TAT TĞG AGT GAA AAC CTT TTC CAG TGC TTC AAT TGC AGC CTC TGC CTC AATGGG ACC GTG CAC CTC TCC TGC CAG **GAG** AAA CAG AAC ACC GTG TGC ACC TGC CAT **GCA** GGT TTC TTTCTA AGA GAA **GAG** TGT AAC GTC TCC TGT AGT AAC TGT AAG AAA AGC CTG GAG TGC ACG AAG TTG TGC CTA CCC CAG ATT GAG AAT GTT ÂAĠ GGC ACT GAG GAC TCÀ GGC ACC ACA GTG CTG TTG CCC CTG GTC ATT TTC TTTGGT CTTTGC CTT CTC TTA TCC CTC TTC ATT GGT TTA ATG TAT CGC CAA CGG TAC TGG AAG TCC AAG CTC TAC TCC ATTGTT TGT GGG AAA TCG **ACA** CCT GAA AAA GAG **GGG** GAG CTTGAA GGA ACT ACT ACT AAG CCC CTG GCC CCA AAC CCA **AGC** TTCAGT CCC ACT CCA GGC TTC ACC CCC ACC CTG GGC TTC AGT CCC GTG CCC AGT TCC **ACC** TTC ACC TCC **AGC** TCC **ACC** TAT ACC CCC GGT TGT **GAC** CCC AAC TTT**GCG** GCT CCC CGC **AGA** GAG GTG CCA TATGCA CCC CAG GGG GCT GAC CCC ATC CTT**GCG** ACA GCC CTC GCC TCC **GAC** CCC ATC CCC AAC CCC CTT GAG CAG AAG TGG **GAC AGC GCC** CAC AAG CCA CAG **AGC** CTAGAC ACT GAT GAC CCC GCG **ACG** CTG TAC GCC GTG GTG GAG AAC GTG CCC CCG TTG CGC TGG TTC AAG GAA GTG CGG CGC CTA GGG CTG **AGC GAC** CAC GAG ATC GAT CGG CTG GAG CTG CAG AAC GGG CGC TGC CGC GAG GCG CTG CAA TAC **AGC** ATG CTG **GCG** ACC TGG AGG CGG CGC **ACG** CCG CGG CGC GAG GCC **ACG** CTG **GAG** CTG CTG GGA CGC GTG CTC CGC GAC ATG CTG GAC CTG GGC TGC CTG CTT GAG GAC ATC GAG GAG **GCG** TGC GGC CCC GCC GCC CTC CCG CCC GCG CCC AGT CTTCTCAGA

, or a C- and/or N- terminally shortened sequence thereof.

- 101. (Amended) A polypeptide according to claim 97, wherein said polypeptide includes at least one additional amino acid at the carboxyl-terminus.
 - 102. (Amended) A polypeptide according to claim 96, wherein said polypeptide is not associated with human urinary proteins.
- 103. (Amended) A recombinant polypeptide which has the ability to bind to TNF, wherein said polypeptide is selected from the group consisting of:
 - A) a polypeptide comprising the amino acid sequence:

met	asp	ser	val	cys	pro	gln	gly	lys	tyr	ile	his	pro	gln
asn	asn	ser	ile	cys	cys	thr	lys	cys	his	lys	gly	thr	tyt
leu	tyr	asn	asp	cys	pro	gly	pro	gly	gln	asp	thr	asp	cys
arg	glu	cys	glu	ser	gly	ser	phe	thr	ala	ser	glu	asn	his
leu	arg	his	cys	leu	ser	cys	ser	lys	cys	arg	lys	glu	met
gly	gln	val	glu	ile	ser	ser	cys	thr	val	asp	arg	asp	thr
val	cys	gly	cys	arg	lys	asn	gln	tyr	arg	his	tyr	trp	ser
glu	asn	leu	phe	gln	cys	phe	asn	cys	ser	leu	cys	leu	asn
gly	thr	val	his	leu	ser	cys	gln	glu	lys	gln	asn	thr	va!
cys	thr	cys	his	ala	gly	phe	phe	leu	arg	glu	asn	glu	cys
val	ser	cys	ser	asn	cys	lys	lys_	ser	leu	glu	cys	thr	lys
leu	cys	lev	pro	gln	ile	glu	asn						

B) a polypeptide comprising the amino acid sequence:

met	leu	val	pro	his	leu	gly	asp	arg	glu	lys	arg	asp	ser
val	cys	pro	gln	gly	lys	tyr	ile	his	pro	gin	asn	asn	set
∄e	cys	cys	thr	lys	cys	his	lys	gly	thr	tyr	leu	tyr	asn
asp	cys	pro	gly	pro	gly	gln	asp	thr	asp	cys	arg	glu	cys
glu	ser	gly	ser	phe	thr	ala	ser	glu	asn	his	leu	arg	his
cys	leu	ser	cys	ser	lys	cys	arg	lys	glu	met	gly	gln	val
glu	ile	ser	ser	cys	thr	val	asp	arg	asp	thr	val	cys	gly
cys	arg	lys	asn	gln	tyr	arg	bis	tyr	trp	ser	glu	asn	leu
phe	gln	cys	phe	asn	cys	ser	leu	cys	leu	asn	gly	thr	val
his	leu	ser	cys	glo	glu	lys	gln	asn	thr	val	cys	thr	cys
his	ala	gly	phe	phe	leu	arg	glu	asn	glu	cys	val	ser	cys
ser	asn	cys	lys	lys	ser	leu	glu	cys	thr	lys	leu	cys	leu
oro	gln	ile	glu	asr						-			

C) a polypeptide comprising the amino acid sequence:

met	asp	ser	val	Cys.	pro	gin	gly	lys	tyr	ile	his	pro	gln
es 77	asn	ser	ile	cys	cys	thr	lys	cys	his	lys	gly	thr	tyr
eu	tyr	asn	asp	cys	pro	gly	pro	gly	gln	asp	thr	asp	cys
erg	glu	cys	glu	ser	gly	ser	phe	thr	ala	ser	glu	asn	his
eu	arg	his	cys	leu	ser	cys	ser	lys	cys	arg	lys	glu	met
gly	gln	val	glu	ile	ser	ser	cys	thr	val	asp	arg	asp	thr
val	cys	gly	cys	arg	lys	asn	gln	tyr	arg	bis	tyr	trp	ser
glu	asn	leu	phe	gln	cys	phe	asn	cys	ser	leu	cys	leu	asn]
gly	thr	val	his	leu	ser	cys	gln	glu	lys	gln	asn	thr	val
cys	thr	cys	his	ala	gly	phe	phe	leu	arg	glu	asn	glu	cys
vai	ser	cys	ser	asn	cys	lys	lys_	ser	leu	glu	cys	thr	lys
leu	cys	leu	pro	gln	ile	glu	asn	val	lys	gly	thr	glu	asp
ser	gly	thr	thr								•		

, or a C- and/or N- terminally shortened sequence thereof;

D) a polypeptide comprising the amino acid sequence:

met	leu	val	pro	his	leu	gly	asp	arg	glu	lys	arg	asp	ren
ra]	cys	pro	gln	gly	lys	tyr	ile	his	pro	gln	asn	asn	ser
ile	cys	cys	thr	lys	cys	his	lys	gly	thr	tyr	leu	tyr	asn
asp	cys	pro	gly	pro	gly	gln	asp	thr	asp	cys	arg	glu	ċys
glu	ser	gly	ser	phe	thr	ala	ser	glu	asn	his	leu	arg	his
cys	leu	ser	cys	ser	lys	cys	arg	lys	glu	met	gly	gln	val
glu	ile	ser	ser	cys	thr	val	asp	arg	asp	thr	val	cys	gly
cys	arg	lys	asn	gln	tyr	arg	his	tyr	trp	ser	glu	asn	leu
phe	gln	cys	phe	asn	cys	ser	leu	cys	leu	asn	gly	thr	val
nis	leu	ser	cys	gln	glu	lys	gln	asn	thr	val	cys	thr	cys
his	ala	gly	phe	phe	leu	arg	glu	asn	glu	cys	val	ser	cys
ser	asn	cys	lys	lys_	ser	leu	glu	cys	thr	lys	leu	cys	leu
pro	gln	ile	glu	asn	val	lys	gly	thr	glu	asp	ser	gly	thr
thr				<u> </u>	•								

, or a C- and/or N- terminally shortened sequence thereof;

E) a polypeptide comprising the amino acid sequence:

met	gly	leu	ser	thr	val	pro	asp	leu	leu	leu	pro	leu	val
leu	leu	glu	leu	leu	val	gly	ile	tyr	pro	ser	gly	val	ile
gly	leu	val	pro	his	leu	gly	asp	arg	glu	lys	arg	asp	ser
val	cys	pro	gln	gly	lys	tyr	ile	his	pro	gln	asn	asn	ser
le	CVS	cvs	thr	lvs	cys	his	lys	gly	thr	tyr	leu	tyr	asn

065	0110	nro	01s	050	C.F.:	~l-	200	^ ¹ 2				-1	
asp	cys	pro	gly	bto	gly	gln	asp	thr	asp	cys	arg	giu	C 7 3
glu	ser	gly	ser	phe	thr	ala	ser	glu	asn	his	leu	arg	his
cys	leu	ser	cys	ser	lys	cys	arg	lys	glu	met	gly	gln	val
glu	ile	ser	ser	cys	thr	val	asp	arg	asp	thr	val	cys	gly
cys	arg	lys	asn	gln	tyr	arg	his	tyr	trp	ser	glu	asn	leu
phe	gln	cys	phe	asn	cys	ser	leu	cys	leu	asn	gly	thr	val
ais	leu	ser	cys	gln	glu	lys	gln	asn	thr	val	cys	thr	cys
his	ala	gly	phe	phe	leu	arg	glu	asn	glu	cys	val	ser	cys
ser	asn	cys	lys	iys _	ser	leu	glu	cys	thr	lys	leu	cys	leu
pro	gln	ile	glu	asn							•		

F) a polypeptide comprising the amino acid sequence:

met	gly	leu	ser	thr	val	pro	asp	leu	leu	leu	pro	leu	val
leu	leu	glu	leu	leu	val	gly	ile	tyr	pro	ser	gly	val	ile
gly	leu	val	pro	his -	leu	gly	asp.	arg	glu	lys	arg	asp	ser
val	cys	pro	gln	gly	lys	tyr	ile	his	pro	gln	asn	asn	ser
ile	cys	cys	thr	lys	cys	his	lys	gly	thr	tyr	leu	tyr	asn
asp	cys	pro	gly	pro	gly	gln	asp	thr	asp	cys	arg	glu	cys
glu	ser	gly	ser	phe	thr	ala	ser	glu	asn	his	leu	arg	his
cys	leu	ser	cys	ser	lys	cys	arg	lys	glu	met	gly	gln	va!
glu	ile	ser	ser	cys	thr	val	asp	arg	asp	thr	val	cys	gly
cys	arg	lys	asn	gln	tyr	arg	his	tyr	trp	ser	glu	asn	leu
phe	gln	cys	phe	asn	cys	ser	lėu	cys	leu	asn	gly	thr	val
his	leu	ser	cys	gln	glu	lys	gln	asn	thr	val	cys	thr	cys
his	ala	gly	phe	phe	leu	arg	glu	asn	glu	cys	val	ser	cys
ser	asn	cys	lys	lys	ser	leu	glu	cys	thr	lys	leu	cys	leu
pro	gln	ile	glu	asn	val	lys	gly	thr	glu	asp	ser	gly	thr
thr												×	

, or a C- and/or N- terminally shortened sequence thereof;

G) a polypeptide comprising the amino acid sequence:

met	gly	leu	ser	thr	val	pro	asp	leu	leu	leu	pro	leu	val
leu	leu	glu	leu	leu	val	gly	ile	tyr	pro	ser	gly	val	ile
gly	asp	ser	val	cys	pro	gln	gly	lys	tyr	ile	his	pro	gln
asn	asn	ser	ile	cys	cys	thr	lys	cys	his	lys	gly	thr	tyt
leu	tyr	asn	asp	cys	pro	gly	pro	gly	gln	asp	thr	asp	cys
arg	glu	cys	glu	ser	gly	ser	phe	thr	ala	ser	glu	asn	his
eu	arg	his	cys	leu	ser	cys	ser	lys	cys	arg	lys	glu	me]
giy	gln	val	glu	ile	ser	ser	cys	thr	val	asp	arg	asp	thr
⊬al	cys	gly	cys	arg	lys	asn	gln	tyr	arg	his	tyr	trp	ser
glu	asn	leu	phe	glo	cys	phe	asn	cys	ser	leu	cys	leu	asr

gly	thr	val	his	îси	ser	cys	gln	gļu	lys	gln	asn	thr	Vār
cys	_										asn		١.
val	ser	cys	ser	asn	cys	lys			leu	glu	cys	thr	125
leu	cys	leu	pro	gln	ile	glu	asn						

H) a polypeptide comprising the amino acid sequence:

met	gly	leu	ser	thr	val	pro	asp	leu	leu	leu	pro	leu	val
leu	leu	glu	leu	leu	val	gly	ile	tyr	pro	ser	gly	val	ile
gly_	asp	ser	val	cys	pro	gln	gly	lys	tyr	ile	his	pro	glm
asn	asn	ser	ile	cys	cys	thr	lys	cys	his	lys	gly	thr	tyr
leu	tyr	asn	asp	cys	pro	gly	pro	gly	gln	asp	thr	asp	cys
arg	glu	cys	glu	ser	gly	ser	phe	thr	ala	ser	glu	asn	his
leu	arg	his	cys	leu	ser	cys	ser	lys	cys	arg	lys	glu	met
gly	gln	val	glu	ile	ser	ser	cys	thr	val	asp	arg	asp	thr
val	cys	gly	cys	arg	lys	asn	gln	tyr	arg	his	tyr	trp	ser
glu	asn	leu	phe	gln	cys	phe	asn	cys	ser	leu	cys	leu	asn
gly	thr	val	his	leu	ser	cys	gln	glu	lys	gln	asn	thr	val
cys	thr	cys	his	ala	gly	phe	phe	leu	arg	glu	asn	glu	cys
val	ser	cys	ser	asn	cys	lys	lys_	_ser	leu	glu	cys	thr	lys
leu	cys	leu	pro	gln	ile	glu	asn	vál	lys	gly	thŕ	glu	asp
ser	ĝly	thr	thr								- V		

, or a C- and/or N- terminally shortened sequence thereof;

I) a polypeptide comprising the amino acid sequence:

met	gly	leu	ser	thr	val	pro	asp	leu	leu	leu	pro	leu	val
leu	leu	glu	leu	leu	val	gly	ile	tyr	pro	ser	gly	val	ile
gly	leu	val	pro	his	leu	gly	asp	arg	glu	lys	arg	asp	ser
val	cys	pro	gln	gly	lys	tyr	ile	his	prö	gln	asn	asn	ser
ile	cys	cys	thr	lys	cys	his	lys	gly	thr	tyr	leu	tyr	asn
asp	cys	pro	gly	pro	gly	gln	asp	thr	asp	cys	arg	glu	cys
glu	ser	gly	ser	phe	thr	ala	ser	glu	asn	his	leu	arg	his
cys	leu	ser	cys	ser	lys	cys	arg	lys	glu	met	gly	gln	val
glu	ile	ser	ser	cys	thr	val	asp	arg	asp	thr	val	cys	gly
cys	arg	lys	asn	gln	tyr	arg	his	tyr	trp	ser	glu	asn	leu
phe	gln	cys	phe	asn	cys	ser	leu	cys	leu	asn	gly	thr	val
his	leu	ser	cys	gln	glu	lys	gln	asn	thr	val	cys	thr	cys
nis	ala	gly	phe	phe	leu	arg	glu	asn	glu	cys	val	ser	cys
ser	asn	cys	lys	lys	ser	leu	glu	cys	thr	lys	leu	cys	leu
070	gln	ile	glu	asn	val	lys	gly	thr	glu	asp	ser	gly	thr
thr	val	leu	leu	pro	leu	val	ile	phe	phe	gly	leu	cys .	leu
leu	ser	leu	leu	phe	ile	gly	leu	met	tyr	arg	tyr	gln	arg

trp lys ser lys leu tyr ser ile val cys gly lys ser thr glu glu glu glu thr thr lys pro lys gly leu gly thr pro pro leu ala pro asn pro ser phe ser thr pro gly phe thr pro thr leu gly phe ser pro val pro ser ser thr phe thr thr thr phe ser ser ser tyr pro gly asp cys pro asn ala ala pro arg arg glu val ala pro pro tyr gln gly ala asp ile ala thr ala leu pro leu ala ser asp pro ile pro asn pro leu gln lys trp glu asp ser ala his lys pro gln ser leu thr asp asp pro ala thr leu tyr ala val val asp glu val leu lys glu phe val leu asn pro pro arg trp arg arg gly his glu ile leu leu leu ser asp asp arg glu gln asn gly cys leu glu ala gln tyr ser met leu ala thr arg arg trp arg arg arg thr pro arg arg glu ala thr leu glu leu leu val leu gly arg arg asp met asp leu leu gly cys leu glu asp ile glu glu ala leu gly ala ala leu cys pro pro ala ser leu leu pro pro arg

, or a C- and/or N- terminally shortened sequence thereof;

- J) a polypeptide comprising the amino acid sequence of A, B, C, D, E, F, G, H, or I with at least one conservative amino acid substitution;
- K) a polypeptide comprising the amino acid sequence of A, B, C, D, E, F, G, H, or I with at least one amino acid substitution at a glycosylation site;
- L) a polypeptide comprising the amino acid sequence of A, B, C, D, E, F, G, H, or I with at least one amino acid substitution at a proteolytic cleavage site; and
- M) a polypeptide comprising the amino acid sequence of A, B, C, D, E, F, G, H, or I with at least one amino acid substitution at a cysteine residue.
- 104. (Amended) A polypeptide according to claim 103, wherein said polypeptide includes at least one additional amino acid at the amino-terminus, at the carboxyl-terminus, or at both the amino-terminus and at the carboxyl-terminus.
- 105. (Amended) A polypeptide according to claim 104, wherein said polypeptide includes at least one additional amino acid at the carboxyl-terminus.

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